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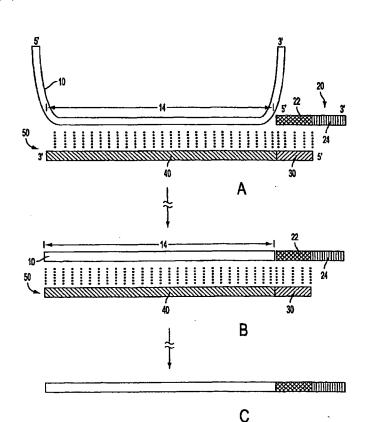
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[Continued on next page]

(54) Title: MULTIPLEX OLIGONUCLECTIDE ADDITION AND TARGET AMPLIFICATION



(57) Abstract: Methods for appending oligonucleotides directly to nucleic acid templates, particularly to defined sites internal to single-stranded templates, are described. Appending first and second common priming sites to each of a plurality of templates of distinct sequence allows the subsequent stoichiometric amplification of a plurality of templates of distinct sequence.



European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

Published:

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INTERNATIONAL SEARCH REPORT

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B. FIELDS SEARCHED				
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
WEST 2.0: JPO, EPO, DERWENT, USPATFUL STN: medline, caplus, biosis.				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where ap	ppropriate, of the relevant passages	Relevant to claim No.	
X	US 6,130,073 A(EGGERDING) 10 October 2000, See the Abstract 1		1 and 23	
X	US 5,888,731 A (YAGER et al.) 30 March 1999, col. 2, lines 36-56.		1-2 and 23-24	
X	US 5,728,526 A (GEORGE, Jr. et al.) 17 March 1998, col. 3, lines 11-62.		1-37	
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Further documents are listed in the continuation of Box C. See patent family annex.				
* Special categories of cited documents: "T" later document published after the international filling date or priority				
	cument defining the general state of the art which is not considered be of particular relevance	date and not in conflict with the appl the principle or theory underlying the		
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"O" do	cument referring to an oral disclosure, use, exhibition or other	considered to involve an inventive step with one or more other such docum obvious to a person skilled in the art	when the document is combined	
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Date of the actual completion of the international search OS APRIL 2003		Date of mailing of the international search report 19 JUN 2003 Authorized officer Authorized Tung Author		
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INTERNATIONAL SEARCH REPORT

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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)			
This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:			
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:			
2. Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:			
S. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).			
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)			
This International Searching Authority found multiple inventions in this international application, as follows:			
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. 2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee. 5. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:			
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:			
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.			

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